

**APPARATUS AND METHOD FOR OPERATING A SUBSCRIBER  
INTERFACE IN A FIXED WIRELESS SYSTEM**

**ABSTRACT**

An apparatus, and an associated method, operates upon bursts  
5 of data signals received at a base station in a fixed wireless  
access communication system. A controller is provided in a base  
transceiver station that is capable of causing cyclo-stationary  
adaptive filtering to be performed upon successive bursts of data  
signals received at the base station. The cyclo-stationary  
filtering is performed to facilitate improved speed and accuracy by  
which the bursts are acted upon by the demodulator portion of a  
modem positioned at the base station.